

**ABSTRACT**

The invention provides a method of distorting an image, particularly but not solely designed for magnifying parts of an image more than the remainder of the image. The  
5 method comprises the steps of maintaining in computer memory a set of base data values representing an image to be subjected to a transformation function; calculating an approximation of the transformation function; retrieving from computer memory one or more of the data values; calculating an intended magnification value ( $M_s$ ) for one or more of the retrieved data values; calculating an estimated magnification value ( $M_e$ ) for one or  
10 more of the retrieved data values; storing in computer memory the estimated magnification values as a set of transformed data values representing the transformed image; calculating the difference ( $M_d$ ) between the intended magnification value(s) and the estimated magnification value(s); and repeating steps (c) to (g) until  $M_d$  is less than a predefined threshold. The invention also provides a related image distortion system.